

Application No.: 10/010,630
Appeal Brief Dated: March 6, 2009

MAT-8198US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: 10/010,630
Applicants: Yuji TOYOMURA, et al.
Filed: November 7, 2001
Title: CARRYABLE MEMORY MEDIA, PORTABLE INFORMATION
TERMINAL USING THE SAME AND METHOD FOR MANAGING
FILES THEREIN
TC/A.U.: 2168
Examiner: Debbie M. Le
Confirmation No.: 4831
Notice of Appeal Filed: December 8, 2008
Docket No.: MAT-8198US

APPEAL BRIEF UNDER 37 C.F.R. § 41.37

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S I R :

Responsive to the Notice of Panel Decision dated February 6, 2009,
Appellant is submitting this Appeal Brief for the above-identified application.

This Brief is presented in the format required by 37 C.F.R. § 41.37, in
order to facilitate review by the Board.

I. REAL PARTY IN INTEREST

The real party in interest is Panasonic Corporation.

II. RELATED APPEALS AND INTERFERENCES

There are no related appeals or interferences known to Appellant, Appellant's
legal representative, or Assignee which may be related to, be directly affected by, or
have a bearing on the Board's decision in the pending Appeal.

III. STATUS OF CLAIMS

Claims 1, 3-6, 8, 12, 14-32 and 34-58 are pending and stand rejected. Claims 2, 7, 9-11, 13, 33 and 59-82 have been cancelled. Claims 1, 3-6, 8, 12, 14-32 and 34-58 are appealed.

IV. STATUS OF AMENDMENTS

The present application is under Final Rejection. All of the previous Amendments have been entered.

V. SUMMARY OF CLAIMED SUBJECT MATTER

The present invention relates to a memory media. An exemplary memory media is illustrated as memory card 25 in Appellants' Fig. 2 (Substitute Specification, page 16, line 2). With regard to claim 1, as illustrated by Appellants' Fig. 1, Appellants' memory media includes a plurality of directories (e.g. directory 6, directory 7, etc.) that each store files of respectively specific file formats (Substitute Specification, page 11, line 9). Thus, for example, directory 6 only stores music files, directory 7 only stores still image files, etc. A further directory (e.g. directory 9) is included for storing files in any format different than the file format stored in the plurality of directories (Substitute Specification, page 11, line 10).

The above features are also illustrated by the enclosed Evidence Appendix. As can be seen, a plurality of directories are maintained at a common directory level. The first directory stores only files of a first type (e.g. doc files). The second directory stores only files of a second type (e.g. "xls" files). The third directory stores files of only a third type (e.g. "xlm" files). A further directory (indicated in the Evidence Appendix as "other") is for storing all file types for which there is not a directory for storing just that file type (in the example, "pdf", "tmp", etc.).

With regard to claim 6, an exemplary embodiment includes memory card 25 which is used with an information terminal such as Digital Still Camera 10 (Substitute Specification, page 14, line 11). The information terminal can form directories (e.g. directory 6, 7) at a common level where each directory is for files of one particular file format (one format per directory) (page 11, line 9) (page 17, line

9). A file having a format different than the formats of any of those directories is stored in a further directory (page 11, line 10).

With regard to claim 8, in an exemplary embodiment, if a file conforms to the format of any of a certain plurality of directories (directory 6, 7), then the file is stored in the respective directory (Substitute Specification, page 11, line 9). If the file does not conform to any of those formats, then the file is stored in a further directory (e.g. directory 9, page 11, line 10).

With regard to claim 32, in an exemplary embodiment, two types of directories are formed in memory card 25. Each directory of the first type is for storing files of one particular format (one format per directory) (Substitute Specification, page 11, line 9) (e.g., directory 6, 7). The second type of directory is for storing files having a format different than the formats of any of those directories (directory 9). A file is stored in one of the directories of the first type or the second type (page 17, line 17) (page 23, line 12).

With regard to claim 49, in an exemplary embodiment, memory card 25 is used with an information terminal such as printer 70 (Fig. 6 and Substitute Specification, page 14, line 11). The portable memory terminal has an interface (e.g. CPU 71) which reads data from memory card 82 (page 34, line 8). The portable memory terminal also has a selector for selecting between data stored in one of two types of directories of memory card 82 (Fig. 6, button 80) (page 31, line 7). Each directory of the first type is for storing files of one particular format (one format per directory) (page 11, line 9) (e.g., directory 6, 7). The second type of directory is for storing files having a format different than the formats of any of those directories (directory 9).

With regard to claim 52, an exemplary embodiment includes memory card 25 which includes a plurality of directories (e.g. directory 6, directory 7, etc.) that each store files of respectively specific file formats (Substitute Specification, page 11, line 9). Memory card 25 also includes a further directory for storing files having an arbitrary format (directory 9).

With regard to claim 53, an exemplary embodiment includes memory card 25 which includes a plurality of directories (e.g. directory 6, directory 7, etc.) that each

store files of respectively specific file formats (Substitute Specification, page 11, line 9) and a further directory. The further directory stores files having the specific formats and files having other formats (page 13, line 8).

With regard to claim 54, in an exemplary embodiment, a method of managing files in an information apparatus including memory card 25 is provided. Memory card 25 includes a plurality of directories (e.g. directory 6, directory 7, etc.) that each store files of respectively specific file formats. The method includes the step of detecting whether a file can be stored in one of the specific format directories (page 22, line 12). If the file cannot be stored in any of the specific format directories, a new directory is formed (page 23, line 9). The new directory is capable of storing files of arbitrary formats (directory 9).

With regard to claim 55, in an exemplary embodiment, a method of managing files in an information apparatus including memory card 25 is provided. Memory card 25 includes a plurality of directories (e.g. directory 6, directory 7, etc.) that each store files of respectively specific file formats. The method includes the step of detecting whether a file having a predetermined format can be stored in one of the specific format directories (page 22, line 12). If the file cannot be stored in any of the specific format directories, a further limited directory is formed. The further directory is capable of storing files having the predetermined format (page 17, line 9).

With regard to claim 56, in an exemplary embodiment, a method of reading information from a file stored on memory card 25 is provided. Memory card 25 includes a plurality of directories (e.g. directory 6, directory 7, etc.) that each store files of respectively specific file formats (Substitute Specification, page 11, line 9) and a further directory. The further directory stores files having arbitrary formats (directory 9). The method includes a first step of accessing the directory corresponding to the format of the file being read (Substitute Specification, page 30, line 4) and the second step of accessing the further directory (page 32, line 1).

With regard to claim 57, in an exemplary embodiment, a method of reading information in a file stored on memory card 25 is provided. Memory card 25 includes a plurality of directories (e.g. directory 6, directory 7, etc.) that each store files of

respectively specific file formats (Substitute Specification, page 11, line 9) and a further directory. The further directory stores files having the specific formats and files having other formats (page 13, line 8). The method includes a first step of accessing the directory corresponding to the format of the file being read (Substitute Specification, page 30, line 4) and a second step of accessing the further directory (page 32, line 1).

VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

1) Claims 1, 3-6, 8, 14 and 32 have been rejected under 35 U.S.C. § 102(e) as being anticipated by Ando et al. (U.S. 6,341,196).

2) Claims 12, 15-31, and 34-58 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Ando et al. in view of Black et al. (U.S. 7,103,602).

3) Claims 44-45 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Ando et al. in view of Black et al. and further in view of Ito et al. (U.S. 2005/0219559).

VII. ARGUMENT

A. Rejection of claims 1, 3-6, 8, 14 and 32 under 35 U.S.C. § 102(e) as being anticipated by Ando et al.

Appellants' claim 1 relates to a memory media including: 1) a plurality of directories at a directory level, "each of said directories limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories" and 2) a further directory at the directory level for storing files in other than the plurality of file formats. The entire issue under Appeal is whether or not Ando et al. disclose or suggest: 1) a plurality of directories that are each limited to storing files having one file format and 2) a further directory for storing other file formats.

In summary, Appellants' claim 1 relates 1) a plurality of directories where each one of the directories is limited to storing files having one file format and 2) a further directory for storing other file formats. There is disagreement between

Appellants and the PTO as to whether Ando et al. disclose or suggest a plurality of directories that are each limited to storing files having one file format and a further directory for storing other file formats. Appellants' position is that these features are absent in the cited art. The Examiner's position is that these features are disclosed in the cited art.

The Advisory Action, mailed November 21, 2008, argues that Ando discloses Appellants' claimed features as follows:

As seen, Fig. 5 show at least four subdirectories, they are 1) rewritable video title set, 2) video title set, 3) audio title set, and the least but not last, 4) user-set subdirectory. In the broadest claim interpretation, the subdirectory 1) rewritable video title set would be the one that similar to subdirectory #4) user-set subdirectory because this subdirectory is allow to store more than one data file types. However, the examiner directs applicant to the Fig. 5, the at least two example subdirectories #2) video title set and #3) audio title set are the plurality of subdirectories that is limited to store files of a respective one of plurality of file format.

Appellants will next give clarification of the issue under Appeal. For a reference to be properly used to reject Appellants' claim 1, the reference would need to show 1) a plurality of directories that are each limited to storing files having one file format and 2) a further directory for storing other file formats. In the exemplary embodiment described in Appellants' disclosure, this means that each one of the plurality of directories is limited to storing files having one format. Example directories are shown in the Evidence appendix. As shown, a first directory can only store .doc files. A second directory can only store .xls files. A third directory can only store .xlm files. A fourth directory stores files having formats other than .doc, .xls and .xlm (e.g., .pdf, .tmp, etc.).

The Advisory Action, mailed November 21, 2008, and the Final Office Action, mailed July 8, 2008, argue that 1) a plurality of directories that are each limited to storing files having one format and 2) a further directory for storing other file formats are disclosed by Ando et al. In particular, the Final Office Action refers to Col. 5, lines 7-15, Col. 17, lines 7-26 and Fig. 5 of Ando et al. Ando's Fig. 5 illustrates subdirectories that each store only one category of files (e.g., rewritable video, video title, audio title and a user-set). Appellants, however, claim: 1) a plurality of directories that each store files having one file format (e.g., one of .doc, .xls, or .xlm)

and 2) a further directory for storing other file formats (e.g., formats other than .doc, .xls, or .xlm).

Ando relates to recording video information on an information storage medium. The cited sections of Ando (Col. 5, lines 7-15 and Col. 17, lines 7-26) disclose a plurality of directories. Each of Ando's directories stores one respective category of data. By way of example, a first directory stores video information, a second directory stores still picture information and a third directory stores audio information. Exemplary rewritable video, video title, audio title and user-set sub-directories are shown in Ando's FIG. 5.

Appellants will now describe the subdirectories of Ando. FIG. 5 of Ando shows subdirectories that each store only one category of files. However, Ando's FIG. 5 also shows that files having different file types can be stored in the same subdirectory. For example, Ando's FIG. 5 shows three different file types stored in the rewritable video subdirectory (.ifo type files, .bup type files and .ob type files). Accordingly, while Ando discloses subdirectories that are each limited to storing one category of files, Ando does not disclose: 1) "a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories" and 2) "a further directory at said directory level ... for storing files in other than said plurality of file formats," as required by Appellants' claim 1.

It is because Appellants include the feature of "a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats," that the following advantages are achieved. A device (e.g., a telephone) may store in the memory media files having a format that the device recognizes and files having a format that the device does not recognize. A user may easily peruse the files thus stored.

Appellants note that Ando's Fig. 5 includes subdirectories for video title set video_ts and audio title set audio_ts. In the last sentence of the Advisory Action, the Examiner states that video title set and audio title set from Ando's Fig. 5 can only store files in one format. However, the Examiner has not explained her argument

nor has she indicated where Ando specifically teaches this feature. Appellants cannot find any explanation why the Examiner believes that the video title set and audio title set subdirectories are limited to one format. Ando is silent with respect to limiting the video title set and audio title set to one format. Instead, at Col. 9, lines 56-59, Ando teaches that "individual files related to a DVD video disk as shown in Fig. 1 are recorded under a subdirectory of video title set VIDEO-TS shown in Fig. 4, although not shown in the figure" (emphasis added). As described at Col. 2, lines 1-17, the individual files in the video title set subdirectory include different file types. Accordingly, Ando does not limit files in the video title set subdirectory to one format. There is no indication in Ando that files in the audio title set subdirectory are also limited to one format.

In summary, Ando et al. do not disclose or suggest Appellants' claimed features of a "a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats" and "a further directory at said directory level ... for storing files in other than said plurality of file formats," as required by claim 1 (emphasis added). As set forth above, these features are completely absent from Ando et al. Thus, Ando et al. do not include all of the features of claim 1.

Accordingly, claim 1 is patentable over Ando et al. for the reasons set forth above.

Independent claims 6, 8 and 32 are similar to independent claim 1 and are patentable over the cited art for at least the same reasons as claim 1. Claims 3-5 and 14, which include all of the limitations of respective claims 1 and 6 from which they depend, are submitted by Appellants to be patentable over the cited art for at least the same reasons as respective claims 1 and 6.

B. Rejection of claims 12, 15-31, and 34-58 under 35 U.S.C. § 103(a) as being unpatentable over Ando et al. in view of Black et al.

Independent claims 49 and 52-57 are similar to independent claim 1 and are patentable over Ando et al. for at least the same reasons as claim 1. Black et al. do not make up for the deficiencies of Ando because they do not disclose or suggest: 1) a plurality of directories that are each limited to storing files having one file format

and 2) a further directory for storing other file formats, as required by claims 49 and 52-57.

Accordingly, claims 49 and 52-57 are patentable over the cited art for the reasons set forth above.

Claims 12, 15-31, 34-48, 50, 51 and 58, which include all of the limitations of respective claims 1, 6, 32 and 52 from which they depend, are submitted by Appellants to be patentable over the cited art for at least the same reasons as respective claims 1, 6, 32 and 52.

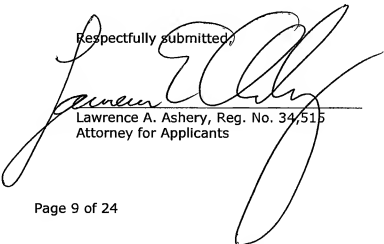
C. Rejection of claims 44-45 under 35 U.S.C. § 103(a) as being unpatentable over Ando et al. in view of Black et al. and further in view of Ito et al.

Claims 44 and 45 include all of the limitations of respective claims 6 and 32 from which they depend, and are patentable over Ando et al. and Black et al. for at least the same reasons set forth above. Ito et al. do not make up for the deficiencies of Ando et al. and Black et al. because they do not disclose or suggest: 1) a plurality of directories that are each limited to storing files having one file format and 2) a further directory for storing other file formats, as required by claims 6 and 32. Accordingly, claims 44 and 45, which depend from respective claims 6 and 32, are submitted by Appellants to be patentable over the cited art for at least the same reasons as respective claims 6 and 32.

CONCLUSION

Allowance of the above-identified application is respectfully requested.

Respectfully submitted,


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Dated: March 6, 2009

VIII. CLAIMS APPENDIX

1. (Previously Presented) A memory media for storing data for access by an application program being executed on a data processing system, the memory media comprising

a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories, and

a further directory at said directory level, said further directory for storing files in other than said plurality of file formats.

2. (Cancelled)

3. (Previously Presented) The memory media of claim 1, wherein said directory level is immediately under a root directory.

4. (Previously Presented) The memory media recited in claim 1, wherein the memory media are memory cards.

5. (Previously Presented) The memory media recited in claim 1, wherein said further directory is further for storing files in one of said plurality of file formats.

6. (Previously Presented) A portable information terminal comprising memory media for storing data for access by an application program being executed by said terminal and detachable to and from a terminal body of the information terminal, comprising

means for forming a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories,

a further directory at said directory level, said further directory for storing files in other than said plurality of file formats.

7. (Cancelled)

8. (Previously Presented) A portable information terminal comprising carryable memory media for storing data for access by an application program being executed by said terminal and detachable to and from a body of the terminal, wherein

said carryable memory media is provided with

a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories,

a further directory at said directory level, said further directory for storing files in other than said plurality of file formats,

i) if a file to be stored conforms to said plurality of directories, said portable information terminal stores the relevant file in the carryable memory media at a data area corresponding to one of said plurality of file formats,

ii) if a file to be stored does not conform to said portable information terminal stores the file in the carryable memory media at a further data area corresponding to said further directory.

9.-11. (Cancelled)

12. (Previously Presented) The portable information terminal of claim 6, wherein an attached file attached to electronic mail received is stored in said carryable memory media at a data area corresponding to said further directory.

13. (Cancelled)

14. (Previously Presented) The portable information terminal of claim 6 comprising

an operation section for operation by a user, wherein based on operation by said user of the operation section, at least one file is stored in a data area

corresponding to said plurality of directories and at least another file is stored in a further data area corresponding to said further directory.

15. (Previously Presented) The portable information terminal of claim 6 comprising separation means for separating an e-mail with the attached file received through said communication means into the e-mail document file and the attached file, wherein

i) said e-mail document file is stored in said carryable memory media at a data area corresponding to one of said plurality of formats, and

ii) said attached file is stored in said carryable memory media at a data area corresponding to other than said plurality of formats.

16. (Previously Presented) The portable information terminal of claim 15 wherein storage of said e-mail document file and said attached file is based on operation of a user.

17. (Previously Presented) The portable information terminal of claim 6 further comprising file extraction means for extracting said files.

18. (Original) The portable information terminal of claim 17 comprising control means, wherein

said control means controls at least one process among the following processes to be performed on said extracted file for;

i) deleting the file;

ii) shifting the file to a data area of said carryable memory media, which data area corresponding to a different directory other than the original directory, and storing it in there;

iii) transmitting the file as an attached file; and

iv) exhibiting it on a display.

19. (Original) The portable information terminal of claim 17, wherein said

file extraction means extracts the file that conforms to said specific file form, based on the file expansion index.

20. (Original) The portable information terminal of claim 17, wherein said file extraction means extracts the file that conforms to said specific file form, based on the file inner structure.

21. (Original) The portable information terminal of claim 17, wherein said file extraction means extracts the file that conforms to said specific file form, through a plurality of steps of extraction.

22. (Original) The portable information terminal of claim 17 comprising input means for inputting conditions for file extraction, wherein

said file extraction means extracts, among those which conform to said specific file form, the file that satisfies said conditions for file extraction.

23. (Original) The portable information terminal of claim 22 comprising control means, wherein

said control means controls at least one process among the following processes to be performed on said extracted file, for;

- i) deleting the file;
- ii) shifting the file to a data area of said carryable memory media, which data area corresponding to a different directory other than the original directory, and storing it in there;

- iii) transmitting the file as an attached file; and

- iv) exhibiting it on a display.

24. (Original) The portable information terminal of claim 17, wherein said file extraction means extracts the file that conforms to specific file form through the following process;

- i) a primary extraction based on the file expansion index, and

ii) an extraction once again based on the inner structure of those extracted by said primary extraction.

25. (Original) The portable information terminal of claim 17 comprising a video processing function, said directory for storing specific format files containing a directory for storing video information form files, wherein

a video information file is extracted from both of the data areas of said carryable memory media; one data area is that which corresponds to the directory for storing video information form files and the other data area is that which corresponds to said directory for storing non-specific format files.

26. (Original) The portable information terminal of claim 17, wherein the portable information terminal extracts the Exif format image file through either one of the following processes;

i) extracting the JPG Image file from data area of said carryable memory media based on the directory for storing non-specific format files, or

ii) extracting the image file from said carryable memory media based on the JPG expansion index . jpg of the directory for storing non-specific format files;

and a process of checking the inner structure of said image file extracted.

27. (Original) The portable information terminal of claim 26, wherein the portable information terminal prints the extracted Exif format file upon an operation made by a user.

28. (Previously Presented) The portable information terminal recited in claim 6 comprising communication means, wherein

the portable information terminal transmits the attached file stored in a data area corresponding to said further directory via said communication means, accompanying an e-mail.

29. (Previously Presented) The portable information terminal of claim 28 comprising file control means, wherein said file control means deletes a file which

had been stored in a data area corresponding to said further directory after it is transmitted via said communication means.

30. (Original) The portable information terminal of claim 28 comprising file control means, wherein said file control means shifts a file that had been stored in a data area corresponding to said directory for storing non-specific format files after it was transmitted via said communication means, to a data area of said carryable memory media that corresponds to a certain directory other than said original directory for storing specific format files and said original directory for storing non-specific format files.

31. (Original) The portable information terminal of claim 28 comprising instruction means, wherein said instruction means issues one of the following instructions based on operation of the operation section by a user, after a file stored in a data area corresponding to said directory for storing non-specific format files is transmitted via said communication means, regarding how the transmitted file be handled:

- i) leaving the transmitted file in said directory for storing non-specific format files;
- ii) deleting the transmitted file;
- iii) shifting the transmitted file to a data area of said carryable memory media that corresponds to a certain specific directory other than said original directory for storing specific format files and said original directory for storing non-specific format files.

32. (Previously Presented) A method for managing files in a portable information terminal comprising carryable memory media for storing data for access by an application program being executed by said terminal and detachable to and from a body of the terminal, comprising the steps of :

- A) forming a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats so that not more than said respective one of said plurality of file formats are permitted

to be stored in each of said directories,

B) forming a further directory at said directory level, said further directory for storing files in other than said plurality of file formats and

C) storing a file in said carryable memory media at a data area corresponding to one of said plurality of directories or said further directory.

33. (Cancelled)

34. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of :

E) receiving data through communication means;

F) forming a file based on the data received at step E); and

G) storing the file formed at step F) in said carryable memory media at a data area corresponding to said further directory.

35. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of :

E) receiving an electronic mail through communication means; and

H) storing an attached file attached to the electronic mail in said carryable memory media at a data area corresponding to said further directory.

36. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of :

E) receiving data through communication means;

J) separating received data into a plurality of files;

K) storing at least one file among said plurality of files in said carryable memory media at a data area corresponding to one of said plurality of directories; and

L) storing the remaining file in said carryable memory media at a further data area corresponding to said further directory.

37. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of:

E) receiving data through communication means;

J) separating received data into a plurality of files;

M) based on a first operation by a user, storing at least one file among said plurality of files in said carryable memory media at a data area corresponding to one of said plurality of directories; and

N) based on a second operation by a user, storing the remaining file in said carryable memory media at a further data area corresponding to said further directory.

38. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of:

P) receiving an e-mail with the attached file through communication means;

Q) separating the received e-mail with the attached file into the document file and the attached file;

R) storing said document file in said carryable memory media at a data area corresponding to one of said plurality of directories; and

S) storing said attached file in said carryable memory media at a further data area corresponding to said further directory.

39. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of:

P) receiving an e-mail with the attached file through communication means;

Q) separating the received e-mail with the attached file into the document

file and the attached file;

T) based on a first operation by a user, storing said document file in said carryable memory media at a data area corresponding to one of said plurality of directories; and

U) based on a second operation by a user, storing said attached file in said carryable memory media at a further data area corresponding to said further directory.

40. (Previously Presented) The method for managing files in the portable information terminal of claim 39 comprising the step of

transmitting the attached file stored in said carryable memory media at said further data area corresponding to said further directory as an attachment to a new e-mail.

41. (Original) The method for managing files in the portable information terminal of claim 39 comprising the steps of:

V) transmitting the file stored in said carryable memory media at said further data area corresponding to said directory for storing non-specific format files; and

W) after said file is transmitted, deleting said transmitted file.

42. (Previously Presented) The method for managing files in the portable information terminal recited in claim 39 comprising the steps of:

V) transmitting the file stored in said carryable memory media at said further data area corresponding to said further directory; and

X) after said file is transmitted, shifting said transmitted file to yet a further data area.

43. (Previously Presented) The method for managing files in the portable information terminal recited in claim 39 comprising the steps of:

V) transmitting the file stored in said carryable memory media at said

further data area;

Y) after transmitting said file, a user selecting either one of following steps based on operation;

Y-1) leaving said transmitted file in said carryable memory media
at said further data area;

Y-2) deleting said transmitted file; and

Y-3) shifting said transmitted file to yet a further data area.

44. (Previously Presented) The portable information terminal according to claim 6, wherein the portable information terminal is a portable telephone unit.

45. (Original) The method for managing files in the portable information terminal of claim 32, wherein the portable information terminal is a portable telephone unit.

46. (Original) The carryable memory media of claim 5, wherein the carryable memory media are memory card.

47. (Previously Presented) The portable information terminal according to claim 6, wherein the carryable memory media are memory card.

48. (Original) The method for managing files in the portable information terminal of claim 32, wherein the carryable memory media are memory card.

49. (Previously Presented) A portable information terminal including memory media for storing data for access by an application program being executed by said terminal and detachable to and from a body of the terminal, comprising:

an interface for reading data from said memory media; and

a selector for selecting between a data area and a further data area, said selector selecting: a) from said data area when said data being read corresponds to one of a plurality of directories at a directory level, each of said directories limited to

a respective one of a plurality of file formats so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories; and b) from said further data area when said data being read corresponds to a further directory for other than said plurality of file formats.

50. (Previously Presented) Memory media according to claim 1, wherein said further directory is also for storing at least one of said respective file formats.

51. (Previously Presented) Memory media according to claim 1, wherein files in said further directory are independent and without links relative to files in said plurality of directories.

52. (Previously Presented) A carryable memory media comprising:

a plurality of directories at a directory level, each of the directories limited to storing files of a respective one of a plurality of file formats, and

a further directory at the directory level, the further directory capable of storing a file having an arbitrary file format.

53. (Previously Presented) A carryable memory media comprising:

a plurality of directories at a directory level, each of the directories limited to storing first files of a respective one of a plurality of file formats, and

a further directory at the directory level, the further directory capable of storing the first files having the respective one of the plurality of file formats and a second file having a file format which is different from the file formats of the first file.

54. (Previously Presented) A method for managing files in an information apparatus including carryable memory media for storing data for access by an application being executed by said apparatus and detachable to and from the apparatus, the memory media including a directory limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories, the method comprising the steps:

detecting whether or not a file to be stored in the memory media is capable of being stored in the limited directory, and

forming a further directory for storing the file to be stored by a result of determining the file is not capable of being stored in the limited directory, the further directory being capable of storing a file of an arbitrary file format.

55. (Previously Presented) A method for managing files in an information apparatus including carryable memory media for storing data for access by an application being executed by said apparatus and detachable to and from the apparatus, the memory media including a directory limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories, the method comprising the steps:

detecting whether or not a file to be stored in the memory media is capable of being stored in the limited directory, and

forming a further directory for storing the file to be stored by a result of determining the file is not capable of being stored in the limited directory, the further directory being capable of storing the files of the respective one of the plurality of file formats.

56. (Previously Presented) A method for reading information in a file on a carryable memory media for storing data for access by an application program being executed on a data processing system, the memory media includes: a plurality of directories at a directory level, each of the directories limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories, and a further directory at the directory level, the further directory capable of storing a file having an arbitrary file format, the method comprising the steps of:

a first step of accessing a directory in which a file format corresponds to a file format of the file, and

a second step of accessing the further directory.

57. (Previously Presented) A method for reading information in a file on a carryable memory media for storing data for access by an application program being executed on a data processing system, the memory media includes, a plurality of directories at a directory level, each of the directories limited to storing first files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories, and a further directory at the directory level, the further directory capable of storing the first files having the respective one of the plurality of file formats and a second file having a file format which is different from the file formats of the first file, the method comprising the steps of:

a first step of accessing a directory of which a file format corresponds to a file format of the file, and

a second step of accessing the further directory.

58. (Previously Presented) The memory media of claim 52, wherein said directory level is immediately under a root directory.

59.-82. (Cancelled)

IX. EVIDENCE APPENDIX

Directory
Level

	.doc
	.xls
	.xlm
	other formats (e.g. - .pdf, tmp, etc.)

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X. RELATED PROCEEDINGS APPENDIX

None